IN THE SPECIFICATION

Please amend the paragraph, page 7, line 15 to 18, as follows:

A joint detection is performed on group 1 by a group 1 joint detection device 68_1 to make a soft decision estimate of $\hat{d}_{g,soft}^{(1)}$, using the matched filtered result $\underline{y}_g^{(1)}$, 52. One JD approach is to compute the least-squares, zero-forcing, solution of Equation 7.

$$\underline{\hat{d}}_{g,soft}^{(1)} = \left(A_g^{(1)H} A_g^{(1)}\right)^{-1} \underline{y}_g^{(1)}$$

Please amend the paragraph on page 9, line 1 to 2, as follows:

For the next group 2, the estimated contribution of group 1 is removed from the received vector, $\underline{x}_g^{(1)}$, to produce $\underline{x}_g^{(2)}$, such as by a subtractor ~~74~~$_1$, as per Equation 10, 58.